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IB - 113/63  
18 June 1963Copy 4 of 8

MEMORANDUM FOR: Chief, Military-Economic Division, ORR

ATTENTION :

FROM :

Chief, CIA/PID (NPIC)

Declass Review  
by NGA.

SUBJECT :

Voronezh Aircraft Engine Plant #154

REFERENCE :

Requirement No. RR/307/62

Project No. C 1131/62

1. This memorandum is in answer to referenced requirement concerning Voronezh Aircraft Engine Plant #154.

2. This study was conducted utilizing photography on [redacted] was used as a base and updated by using photography from [redacted]. The selection of [redacted] for this study was made by screening all available KH coverage over this installation, selecting the photography showing the changes which have occurred and still maintaining a relative degree of photographic quality.

3. Voronezh Aircraft Engine Plant #154 is located on the west central edge of Voronezh, USSR. The coordinates are 51° 39'N/39° 10'E.

The Aircraft Engine Plant is served by both road and rail. The outlined area (Figure #1) is the recognized limits of the engine plant. Other buildings within the fenced area are primarily for support and/or maintenance. The Aircraft Engine Plant has a total estimated floorspace of [redacted] which is contained within storage buildings, machine shops, workshops, administration buildings, assembly buildings, forges, a foundry, an annealing and chemical treatment building, nine unidentified buildings and a boiler house. All buildings in the engine plant were included in the total estimated floorspace, however only the major buildings within the enclosed area have been annotated. Buildings added to the plant complex since [redacted] photo coverage are outlined in red and annotated. Annotation #1 (Figure #1 and Inset #1) shows the location of a newly constructed sub-assembly - final-assembly building. This building contains an estimated 430,000 square feet of floorspace. Annotation #2 (Figure #1) is an unidentified building undergoing construction. It is approximately 40% completed. On [redacted] (see Annotation #2, Inset #1) this building is apparently complete. The assembly building containing the engine test cells (Annotation #5, Figure #1) has been enlarged as outlined in red. This extension gives the building a new estimate of [redacted] square feet. Previous estimate was [redacted] square feet. Annotation #10 and annotation #4 (Inset #1) shows the construction of a shop building with an estimated 122,400 square feet of floorspace.

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KEY TO ANNOTATIONS:

1. Sub-assembly - Final assembly Building - 430,000 square feet
2. Building Under Construction - estimated floorspace when completed 21,000 square feet.
3. Foundation for Building
4. Assembly Building - [REDACTED]
5. Assembly Building with Engine Test Cells - was [REDACTED]
6. Possible Cooling Tower; Secured Area
7. Unidentified Building - [REDACTED]
8. Workshop - [REDACTED]
9. Unidentified Building - [REDACTED]
10. Machine Shop - 122,400 square feet
11. Cooling Pond
12. Unidentified Building
13. Probable Standby Diesel Power Plant - 10,230 square feet
14. Foundry - 35,730 square feet
15. Unidentified Building - [REDACTED]
16. Workshop - 11,040 square feet
17. Machine shop - [REDACTED]
18. Administrative Building - [REDACTED]
19. Main Gatehouse - [REDACTED]
20. Boiler house - [REDACTED]
21. Annealing and Chemical Treatment Building - 35,260 square feet
22. Forge - 113,210 square feet
23. Forge - 146,000 square feet
24. Unidentified Building - 43,680 square feet
25. Machine Shop - [REDACTED]
26. Machine Shop - [REDACTED]
27. Administration Building - [REDACTED]
28. Unidentified Building - [REDACTED]
29. Administration Building - [REDACTED]
30. Seven Storage Buildings - [REDACTED]
31. Unidentified Building Apparently Complete - [REDACTED]
32. Fenced Storage Area; Two Storage Buildings - Total [REDACTED]
33. Workshop - [REDACTED]
34. Workshop - 14,375 square feet
35. Gravel and Sand Processing Building - [REDACTED]

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4. The photo analyst on this project is [redacted] who may be contacted on extension [redacted] should you have further questions regarding this project.

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ENCLOSURE:  
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